Event

MPTS IJET
AN 2101
IFT/OFT

Mission

AIRWAYS NAVIGATION EP SIMULATOR

1.3 HOURS/X

ORM

AN 2101

- **OPERATIONAL REQUIREMENTS / LIMITATIONS**
  - **CREW REST/ CREW DAY / WORK WEEK**
  - **WARM-UP ELIGIBILITY**
  - **PREVIOUS FLIGHT COMPLETE?**
  - **IP CURRENCY**
  - **READ AND INITIAL**

- **HUMAN FACTORS**
  - **LIFE STRESSORS / EXTERNAL FACTORS/ PERSONAL PROBLEMS**
  - **MEDICAL STATUS**
    - **CREW DAY**
    - **CREW REST**
    - **NOURISHMENT**
    - **HYDRATION**

- **HAZARDS AND CONTROLS**
  - **ROUTINE**
  - **WEATHER**
    - **CURRENT OBSERVATIONS AND FORECASTS**
    - **CROSSWINDS**
    - **FUEL CONSIDERATIONS**

TTO

AN 2101

- **WHO WILL CALL A TTO?**

- **WHAT SITUATIONS WILL THE TTO BE CALLED?**
  - **SAFETY**
  - **CONFUSION**
  - **MISUNDERSTANDING**

- **IP RESPONSIBILITIES**
  - **RECOGNIZE THE NEED FOR A TTO**
  - **EXPLANATION / INSTRUCTION AS NECESSARY**
  - **DOCUMENTATION ON ATF**

- **WHEN AND HOW WILL TRAINING RESUME?**

ADMIN

AN 2101

- **QOD**
  - **NATOPS**
  - **EP**
  - **SOP**
- **PREREQUISITES**
  - **AN 3106**
- **MISC.**
  - **EVENT DURATION MUST BE AT LEAST 0.75 OF SYLLABUS TIME TO BE COMPLETE (1.0 HRS).**
  - **AN EVENT DURATION THAT DEVIATES GREATER THAN 0.3 HOURS FROM SYLLABUS TIME MUST HAVE THE REASON ANNOTATED ON THE GRADE SHEET.**

SYLLABUS NOTES

AN 2101

THE STUDENT WILL PERFORM THE FOLLOWING PROCEDURES IAW FTI, NATOPS, AND SOP ON THIS EVENT:

- **START MALFUNCTION/EMERGENCY (ANY)**
- **TAKEOFF EMERGENCY (ANY)**
- **ENGINE FLAMEOUT**
- **ELECTRICAL EMERGENCIES (ANY)**
- **HYD 2 EDP FAILURE**
- **CONTR AUG FAILURE**
- **RUNAWAY STABILATOR TRIM**
- **ENGINE FIRE (SECONDARY INDICATIONS)**
- **LOST COMMUNICATIONS**
- **EJECTION**
- **MAIN/NOSE GEAR UNSAFE DOWN**
- **BRAKE ACCUMULATOR FAILURE**
- **POST LANDING EMERGENCIES**

Syllabus Notes (cont.)

A. THE HUD WILL BE AVAILABLE FOR USE.

B. AN 2101 MAY BE FLOWN PRIOR TO FAM STAGE.

AN 2101

RECOMMENDED FLIGHT CONDUCT

- **USE NMM RAMP/SHUT-DOWN IC SET**
- **DEPARTURE: ANY RUNWAY**
- **ROUTE/MOA: INSTRUCTORS DISCRETION**
- **RECOVERY: APPROACHES AT INSTRUCTORS DISCRETION**

SSR/DISCUSS ITEMS

AN 2101

- **SPECIAL SYLLABUS REQUIRMENTS:**
  - **NONE**
- **DISCUSS ITEMS:**
  - **NATOPS/EP/SOP QOD**

BLOCK MIF

AN 2101

CTS REF	MANEUVER	AN2101
1	General Knowledge/Procedures	4+
2	Emergency Procedures	3+
3	Headwork/Situational Awareness	3+
4	Basic Airwork	4+
5	Mission Planning/Briefing/ Debriefing	4+
6	Communications	3+
7	Ground Operations	4+
8	Flight Admin	4+
2	Start Malfunctions	3+
2	Ground Emergencies	3+
2	Aborted Takeoff	3+
2	Takeoff EPs	3+
2	Engine EPs	3+
2	Flight Control EPs	3+
2	Gear EPs	3+
2	Electrical EPs	3+
2	Hydraulic EPs	3+
2	Lost Communications	4+
10	Takeoff	4+
11	Departure	4+
13	Descent/Field Entry	4+
17	Precision Approach	4
18	Non-Precision Approach	4

STANDARD DEBRIEFING FORMAT

AN 2101

- THE FLIGHT LEAD OR PILOT-IN-COMMAND IS RESPONSIBLE FOR ENSURING ALL FLIGHT OR CREWMEMBERS ARE THOUROUGHLY DEBRIEFED ON THE CONDUCT OF THE MISSION UTILIZING THE "S-P-B-E-MS-LL" FORMAT OUTLINED BELOW.

I. SAFETY
II. PLANNING
III. BRIEF
IV. EXECUTION
V. MISSION SUCCESS
VI. LESSONS LEARNED